

Amendments to the Claims

The following list of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (withdrawn) A method of modulating differentiation of oligodendrocytes comprising reducing exposure of oligodendrocytes and precursors thereof to osteopontin.
2. (withdrawn) The method of claim 1, wherein said reducing is obtained by exposing said oligodendrocytes and precursors thereof to an antibody that specifically binds osteopontin.
3. (withdrawn) The method of claim 1, wherein said reducing is obtained by inactivating osteopontin receptor.
4. (withdrawn) The method of claim 3, wherein said receptor is exposed to an osteopontin antagonist.
5. (withdrawn) The method of claim 3, wherein said receptor is exposed to an antibody that binds to said receptor.
6. (withdrawn) A method of modulating differentiation of oligodendrocytes comprising modulating the activity of a receptor for osteopontin on oligodendrocytes or precursors thereof.

7. (previously amended) A method of modulating differentiation of oligodendrocytes, according to Claim 1, further comprising increasing exposure of oligodendrocyte precursor cells thereof at a remyelination site to osteopontin to enhance oligodendrocyte precursor number at said site, and then reducing exposure, according to Claim 1, of said oligodendrocyte precursor cells to osteopontin thereby enhancing differentiation into oligodendrocytes, wherein said oligodendrocytes enhance remyelination at said remyelination site.
8. (canceled)
9. (canceled)
10. (original) The method of claim 7, further comprising exposing cells remote from said site to osteopontin, wherein osteopontin is a chemoattractant and causes migration of responsive cells to said site.
11. (original) The method of claim 10, wherein said osteopontin is secreted by astrocytes.
12. --17. (canceled)